IN THE CLAIMS:

Claims 1, 2, 5/1, and 6/2 have been amended so as to read as follows:

1. (Amended) A supercharged diesel engine having a supercharger for pressurizing ambient air into a cylinder, and a heat ~~exchange~~ exchanger being provided in a pressurized air passage between an outlet port of said supercharger and an inlet port of said cylinder for cooling the pressurized air from said supercharger,

wherein said heat exchanger is a hybrid type of heat exchanger comprising

a first heat exchanger for carrying out heat exchange between the pressurized air discharged from the outlet port of said supercharger and a first heat exchange medium, and

a second heat exchanger for carrying out heat exchange between the pressurized air discharged from an outlet port of said first heat exchanger and a second heat exchange medium having higher temperature than said first heat exchange medium, and supplying the pressurized air, after the heat exchange with said second heat exchange medium, to said cylinder.

2. (Amended) The supercharged diesel engine in accordance with Claim 1,

wherein the engine is a water cooling type,

wherein said first heat exchange medium is ambient air, and

wherein said second heat exchange medium is cooling water from said water cooling type engine.

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~~5.~~ (Amended) The supercharged diesel engine in accordance with Claim 1, further comprising:

load detecting means for detecting an engine load; and

control means for receiving a detection signal from said load detecting means and controlling flow of said second heat exchange medium.

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~~6.~~ (Amended) The supercharged diesel engine in accordance with Claim 2, further comprising:

load detecting means for detecting an engine load of said water cooling type engine; and

control means for receiving a detection signal from said load detecting means and controlling flow of cooling water from said water cooling type engine.